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## Overview of 40 CFR §430

**T**he pulp, paper, and paperboard category was reorganized by the promulgated rule (April 15, 1998). As part of the reorganization of the category, EPA revised the subcategorization scheme. This section presents the new subcategorization scheme that EPA adopted, explains how it is different from the previous subcategorization scheme, and, most importantly, describes how to determine the subcategories applicable to each mill. Appendix A lists the mills that are subject to ELG&S under the reorganized Subparts B and E.

### What is the New Subcategorization Scheme?

In the original rule, EPA established 26 subcategories defined by the products manufactured at a mill. In the revised rule, EPA reorganized these 26 subcategories into 12 subcategories by grouping mills with similar processes. EPA only promulgated additional ELG&S for reorganized Subparts B and E. Table 3-1 presents the final subparts and how they relate to the previous subcategories.

As Table 3-1 shows, under the new subcategorization scheme, Subpart B is comprised of four segments which used to be Subparts G, H, I, and P under the previous subcategorization scheme. Subpart E includes former Subparts U and J, and has been reorganized into three segments (calcium-, magnesium-, and sodium-based; ammonium-based; and specialty-grade segments).

**Table 3-1: Revised Subcategorization Scheme (with Previous Subparts Noted)**

Final Codified Subpart	Revised Subcategorization Scheme	Previous Subcategorization Scheme (With Previous Subparts Noted)
A	Dissolving Kraft	Dissolving Kraft (F)
B <sup>(a)</sup>	Bleached Papergrade Kraft and Soda Digester	Market Bleach Kraft (G) Bleached Kraft (H) - including paperboard, coarse paper, and tissue. Fine Bleached Kraft (I) Soda (P)
C	Unbleached Kraft	Unbleached Kraft (A) ■ Linerboard Segment ■ Bag and Other Products Segment
D	Dissolving Sulfite	Dissolving Sulfite (K) ■ Nitration Segment ■ Viscose Segment ■ Cellophane Segment ■ Acetate Segment
E <sup>(a)</sup>	Papergrade Sulfite ■ Calcium-, Magnesium-, and Sodium-based Segment ■ Ammonium-based Segment ■ Specialty grade	Papergrade Sulfite - Drum Wash (U) ■ Bisulfite liquor/surface Condensers Segment ■ Bisulfite liquor/barometric Condensers Segment ■ Acid sulfite/surface Condensers Segment ■ Acid sulfite/barometric Condensers Segment ■ Continuous Digester Segment  Papergrade Sulfite - Blow Pit Wash (J) ■ Bisulfite liquor/surface Condensers Segment ■ Bisulfite/barometric Condensers Segment ■ Acid/surface Condensers Segment ■ Acid/barometric Condensers Segment
F	Semi-Chemical	Semi-Chemical (B) ■ Ammonia Segment ■ Sodium Segment
G	Mechanical Pulp	Groundwood-Thermo-Mechanical (M), Groundwood-Coarse, Molded, News (N) Groundwood-Fine Papers (O) Groundwood-Chemi-Mechanical (L)
H	Non-Wood Chemical Pulp	Miscellaneous mills not covered by a specific subpart
I	Secondary Fiber Deink	Deink Secondary Fiber (Q) ■ Fine Papers ■ Tissue Papers ■ Newsprint J Secondary Fiber Non-Deink Tissue from Wastepaper (T) Paperboard from Wastepaper (E) ■ Corrugating medium ■ Non-Corrugating Medium Wastepaper-Molded Products (W) Builders' Paper and Roofing Felt (40 CFR Part 431 Subpart A)

Final Codified Subpart	Revised Subcategorization Scheme	Previous Subcategorization Scheme (With Previous Subparts Noted)
K	Fine and Lightweight Papers from Purchased Pulp	Nonintegrated Fine Papers (R) <ul style="list-style-type: none"> <li>■ Wood Fiber Furnish</li> <li>■ Cotton Fiber Furnish</li> </ul> Nonintegrated Lightweight Papers (X) <ul style="list-style-type: none"> <li>■ Lightweight Papers</li> <li>■ Lightweight Electrical PapersL Tissue, Filter, Non-Woven, and Paperboard from Purchased Pulp</li> </ul> Nonintegrated <ul style="list-style-type: none"> <li>■ Tissue Papers(S)</li> <li>■ Filter and Non-Woven (Y)</li> <li>■ Paperboard (Z)</li> </ul>
L	Tissue, Filter, Non-Woven, and Paperboard from Purchased Pulp	Nonintegrated <ul style="list-style-type: none"> <li>■ Tissue Papers (S)</li> <li>■ Filter and Non-Woven (Y)</li> <li>■ Paperboard (Z)</li> </ul>

(a) EPA has promulgated ELG&S for Subparts B and E. EPA intends to revise ELG&S as appropriate for the remaining subparts over the next few years.

To issue or reissue permits or pretreatment agreements, you must be aware not only of the reorganization of the subcategories covered under 40 CFR 430, but also which ELG&S apply to mills in the pulp and paper category. **Mills with operations in Subparts B and E are subject to not only the ELG&S promulgated on April 15, 1998, but previously established guidelines and standards for this category as well.** Below are a few examples showing the ELG&S that apply to mills with operations covered by Subparts B and E.

Example 1: Mill A is an existing direct discharger which falls under Subpart B. The mill produces market pulp and tissue. The mill is subject to which effluent guidelines and standards?

Answer: As a existing direct discharger, Mill A is subject to BMP and to revised BAT, as well as previously established BAT and BPT for the Market Bleached Kraft Segment (former Subpart G) and the Bleached Kraft (including paperboard, coarse paper, and tissue) Segment (former Subpart H).

Subpart	Discharge Status	Mill Subject to Previously Established ELG&S	Also Subject to the Following under April 15, 1998 ELG&S
Subpart B - Bleached Papergrade Kraft and Soda	Direct Discharger	<b>BPT</b> and <b>BAT</b> for Market Bleached Kraft Segment (former Subpart G)	<b>BAT</b>  <b>BMP</b>
		<b>BPT</b> and <b>BAT</b> for Bleached Kraft Segment (former Subpart H)	

Example 2: Mill B is an existing indirect discharger that falls under Subpart B. The mill produces market pulp and fine paper. The mill is subject to which effluent guidelines and standards?

Answer: As an existing indirect discharger, Mill B is subject to BMP and to revised PSES. In addition, because Mill B falls under two segments for the previously established PSES, you must apply PSES for the Market Bleached Kraft Segment (former Subpart G) and the Fine Bleached Kraft Segment (former Subpart I).

Subpart	Direct or Indirect Discharger	Mill Subject to Previously Established ELG&S	Also Subject to the Following under April 15, 1998 ELG&S
Subpart B - Bleached Papergrade Kraft and Soda	Indirect Discharger	<b>PSES</b> for Market Bleached Kraft Segment (former Subpart G)	<b>PSES</b>  <b>BMP</b>
		<b>PSES</b> for Fine Bleached Kraft Segment (former Subpart I)	